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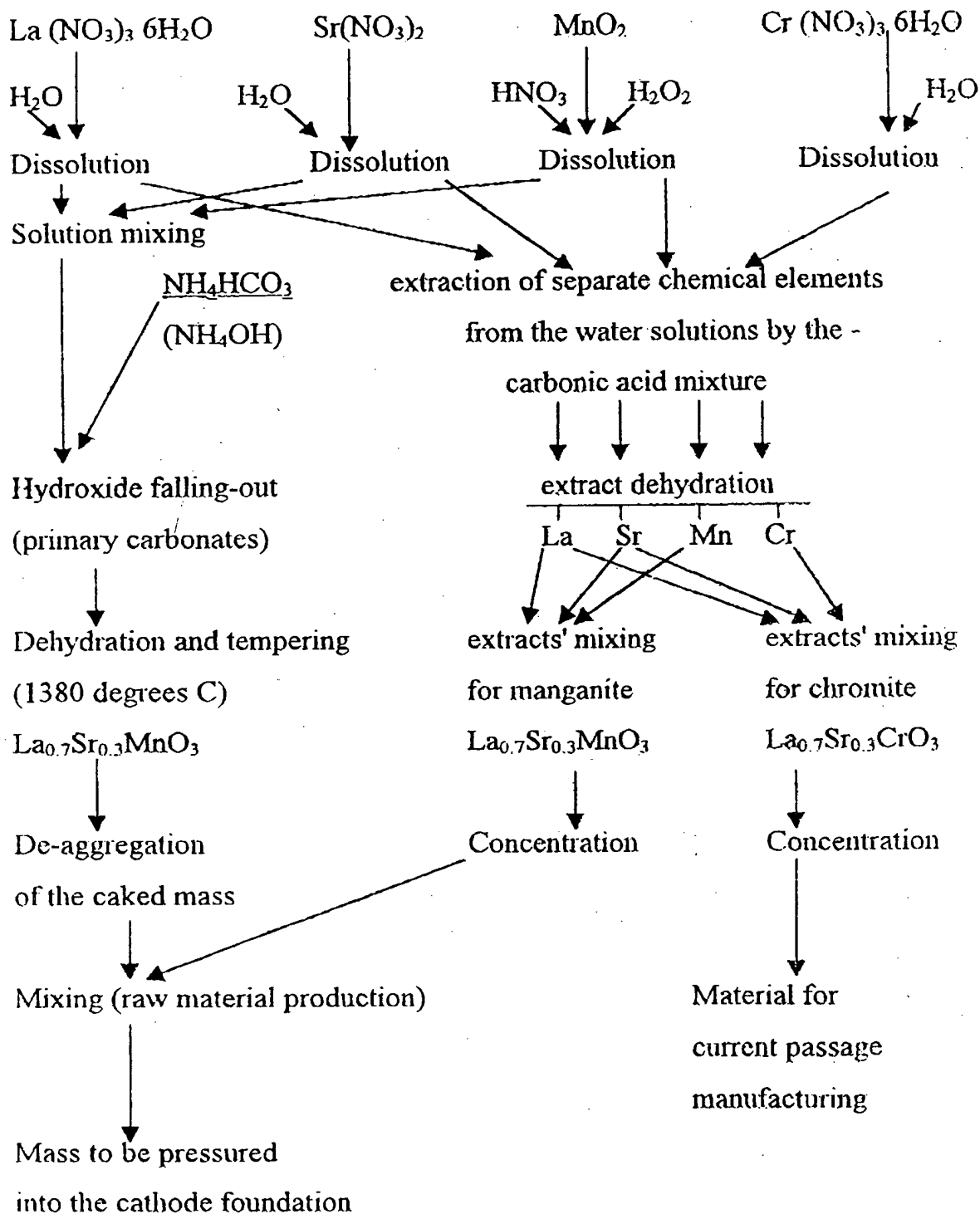


Fig. 1

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Forming the tubular cathode  
by the hydrostatic pressing

Burning out the binding agent, caking  
 $T \sim 1350$  degrees C

Manufacturing the interface layer and current passage  
Mixture of Cr, La, St carboxilates

Manufacturing the electrolyte  
Mixture of Ce, Sm/Gd, Zr, Y, Sc carboxilates

Manufacturing the anode  
Anode material YSZ GSC/ $Ni_{met}$   $Co_{met}$   
Ni or Co carboxilates

Manufacturing the electrical insulating layer  
Material for electrical insulating layer  
Mg Al carboxilates

Thermal treatment  
 $T \sim 1250$  degrees C  
( $MgAl_2O_4$ ) (YSZ)

A single fuel cell

Fig. 3

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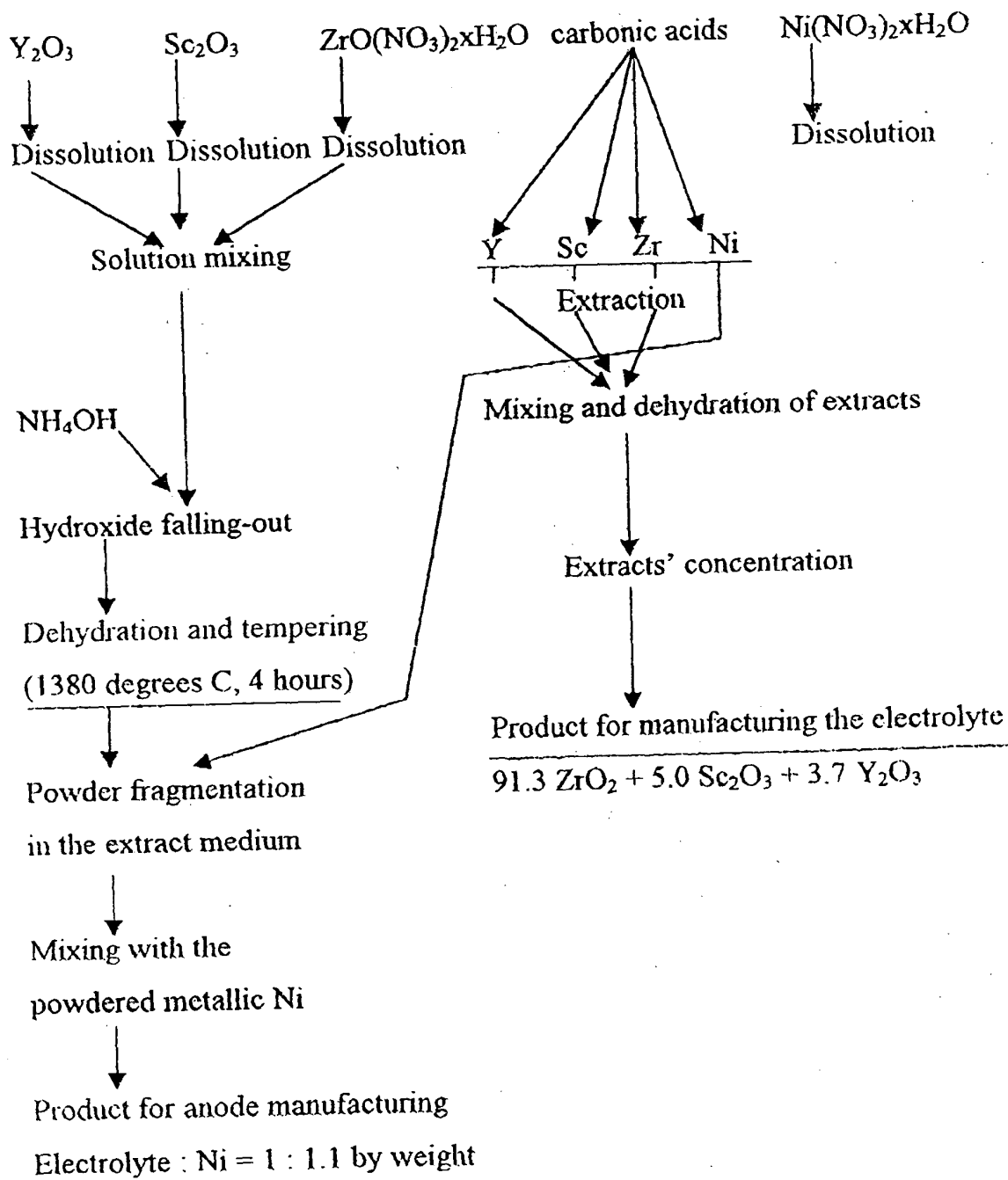


Fig. 2

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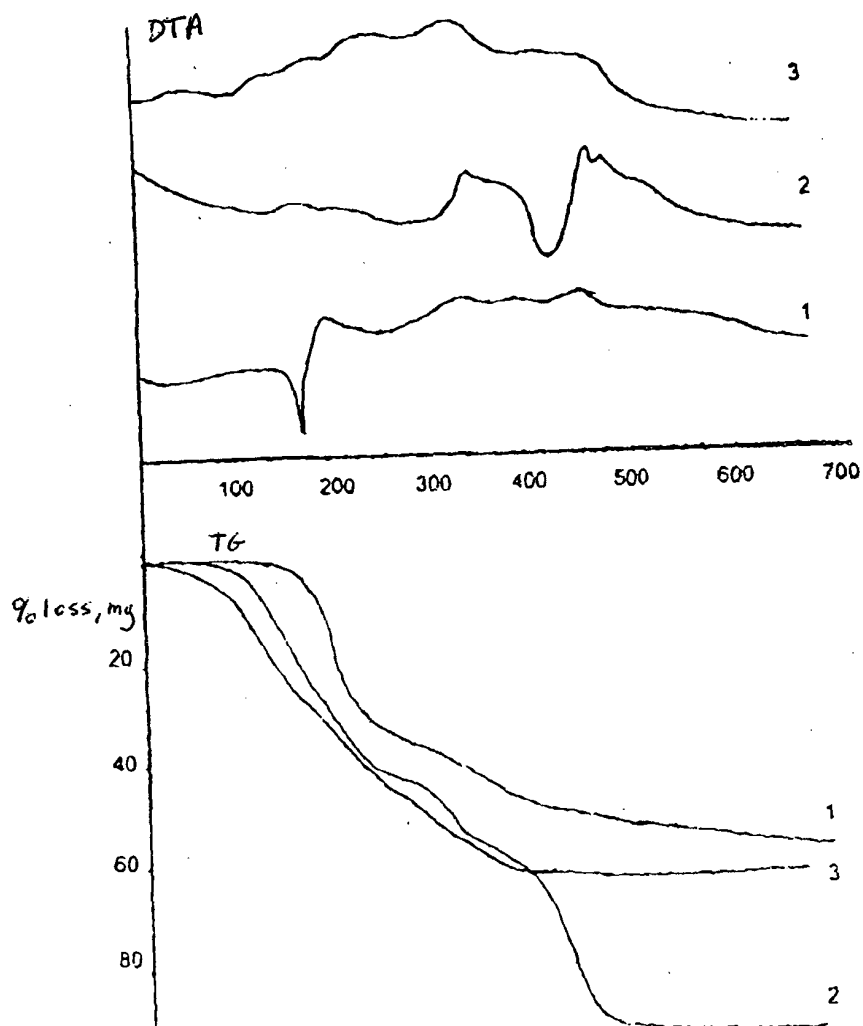


Fig. 4.

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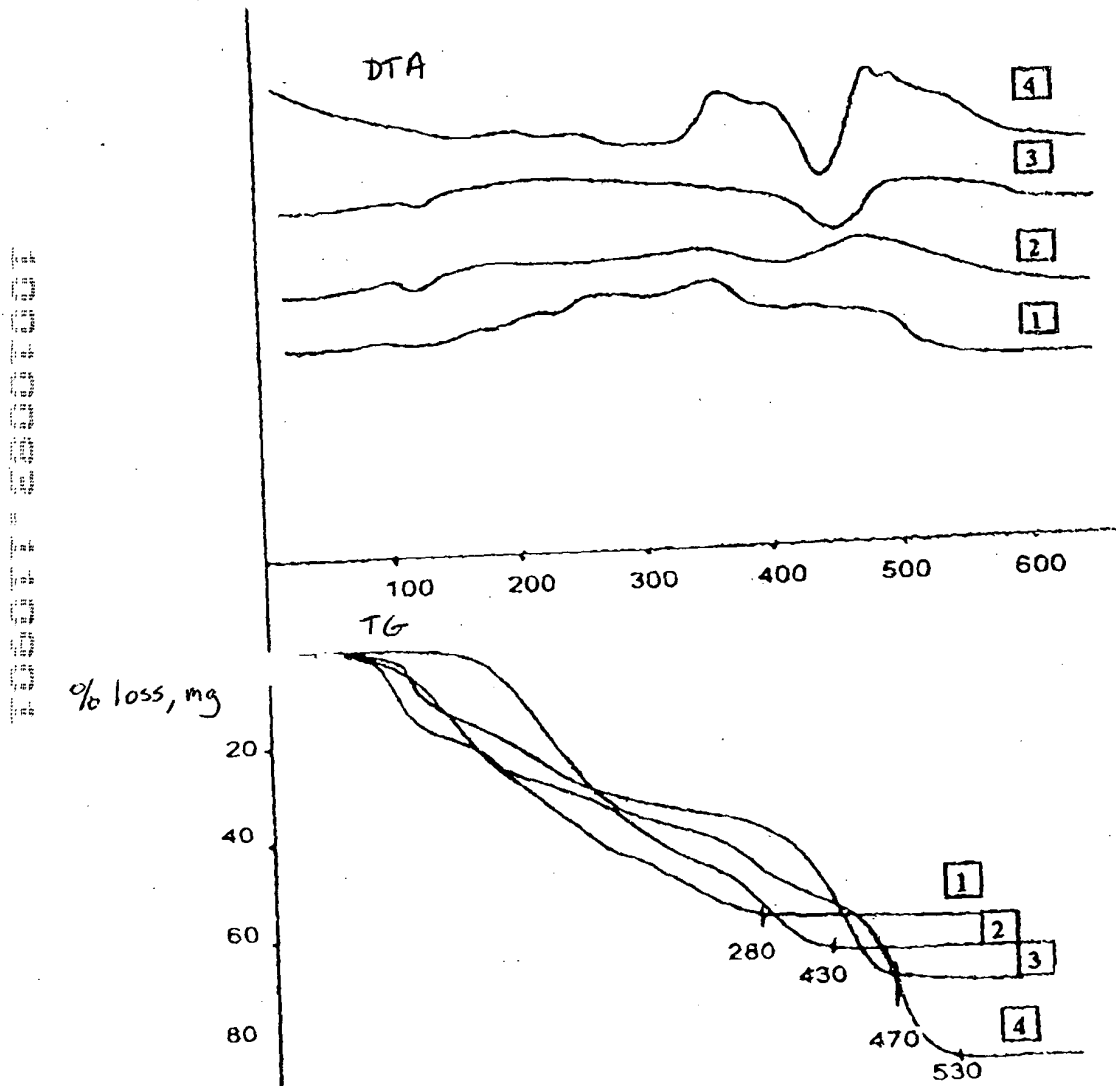


Fig. 5.

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I

ALICEPINE PROWLER OF HMA  
Rmsu\* 30.7000  
Cp. Rmsu = 30.7000  
X= 69.8000  
Y=131.8000



110 2 00 000000 000000 000000 000000

Fig. 9.

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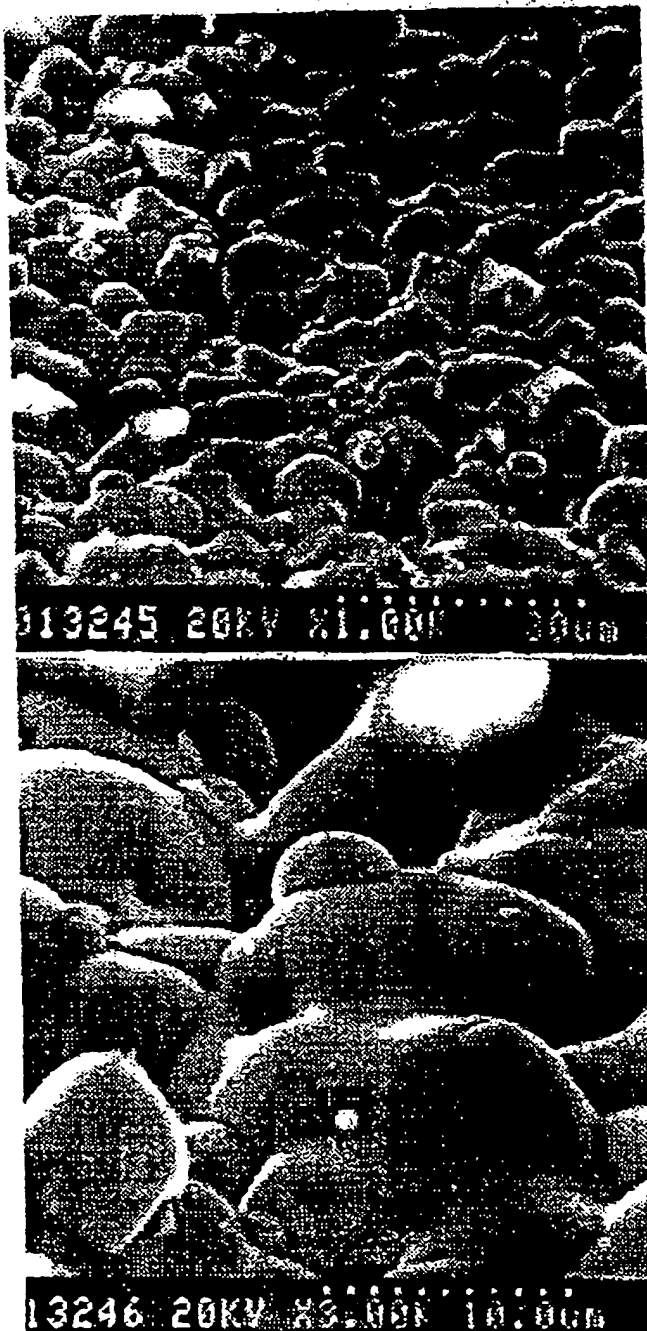


Fig. 6.

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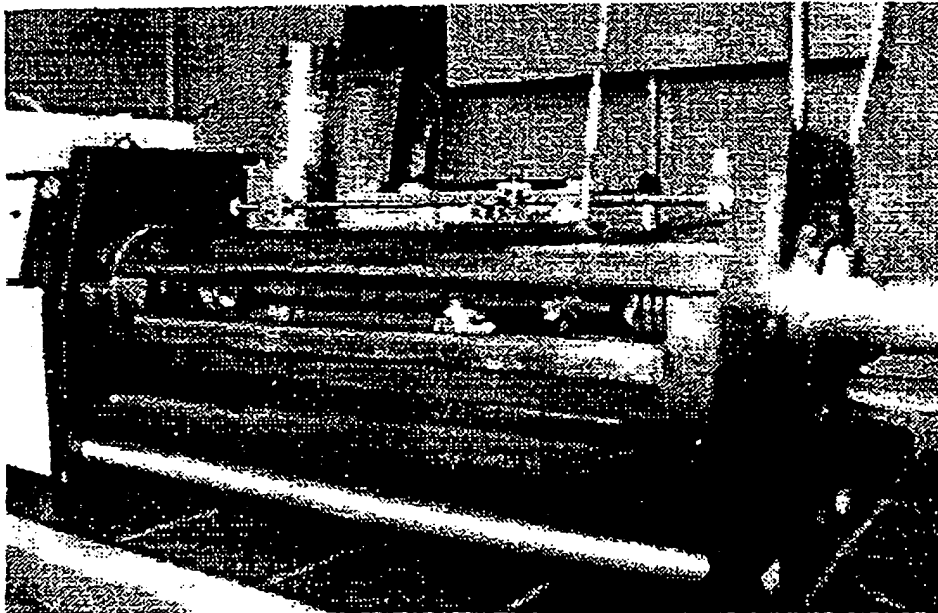


Fig. 7.



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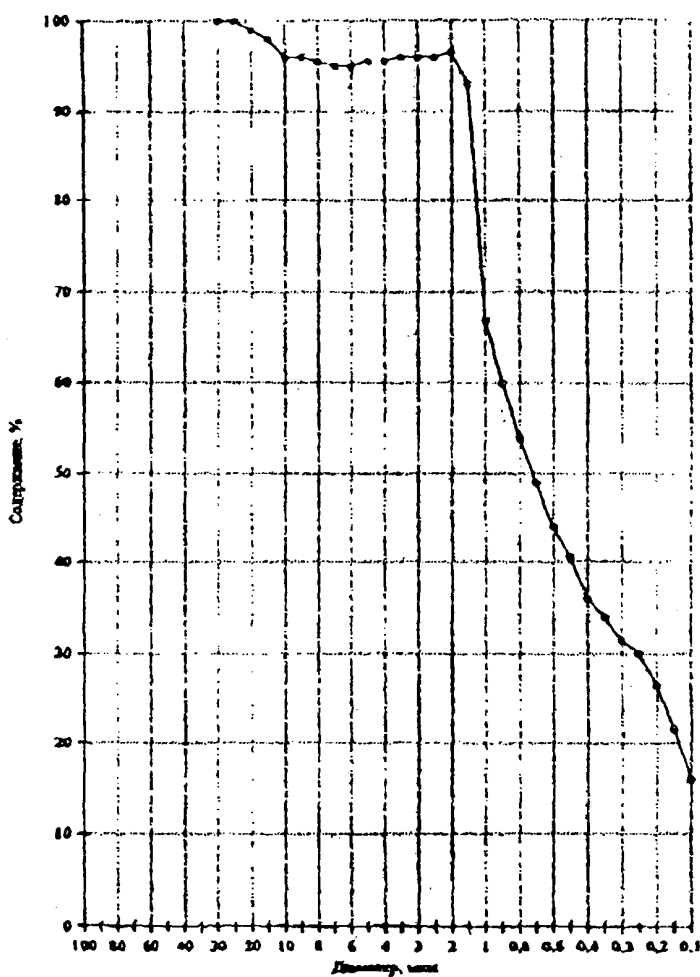


Fig. 8.

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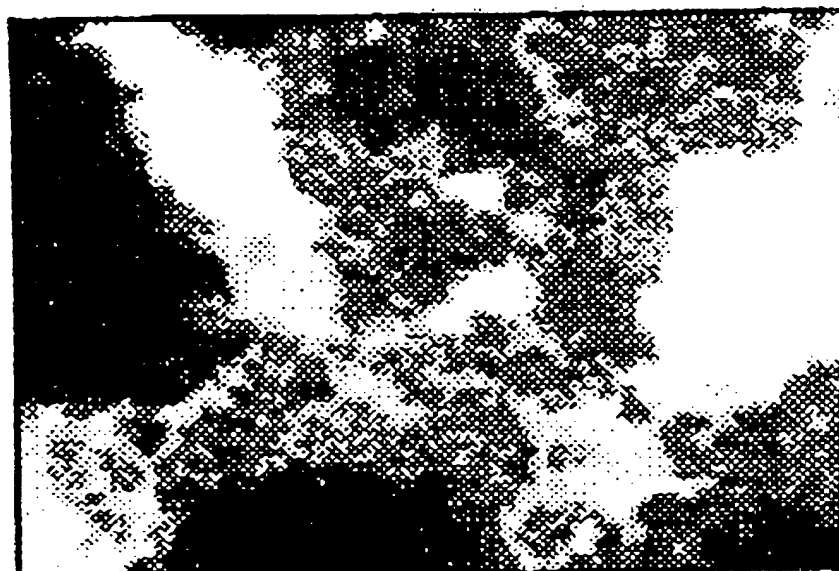
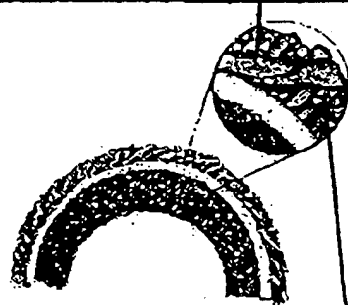


Fig. 10.

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(6)



013258 10KV 32.00V 15.0um

Fig. 11.